

STATEMENT OF WORK
FOR
EEPZ 03-2004E
MAINTAIN INTERIOR AND EXTERIOR PAINT FOR WATER TOWER, FACILITY 355
30 March 2009

SUBMITTALS REQUIRED:

See Form 66 (attached)

SCOPE:

Provide all plant, labor, material, equipment, and transportation required to sandblast/pressure wash and paint the exterior of one tower and support structure. Prepare and apply a new corrosion resistant coating to the tank interior. Provide and install new cathodic protection system and repairs as described below. Apply the new AF symbols (2). All work must be in accordance with the Statement of Work, the 14 CES Environmental Specifications, all applicable UFCs and all local, state, and federal codes and regulations.

DESIGN:

Contractor is responsible for all design effort in order to provide an acceptable final product that meets intent of this Statement of Work and design drawings. Contractor shall verify all dimensions, calculations and code requirements for all elements of work. At time of proposal submission, contractor shall provide evidence of adequate design, including but not limited to electrical, mechanical, and civil calculations. Contractor is responsible for ensuring constructibility and code compliance.

Record drawings may be provided to the contractor as a courtesy at the discretion of the Government, but their accuracy is not guaranteed. The contractor shall do his own field investigations of the utilities and other items in the area and base his design accordingly.

SCHEDULING:

Contractor shall establish an acceptable work plan with the Government prior to start of work. Coordinate all utility outages with the Government to minimize negative impact to the base mission.

CONSTRUCTION PLAN

- Examination:

- Verify the surface is free of dust or other contaminants prior to application of new coating. All currently installed equipment including but not limited to strobe light electronics, telephone outdoor terminal, and outdoor phone should be appropriately protected for the duration of the project.

Preparation:

- All communication equipment, lighting, navigational aids, and other similar appurtenances shall remain operational for the duration of the project.
- Remove all necessary equipment from water tower.

- Reinstall removed equipment in working order (some equipment will be required to be placed on the shroud). Outages should be minimal and must be coordinated with the government in advance.
- Prepare existing surfaces prior to application of new coating. This includes, but is not limited to, shrouding the entire facility in order to contain work and debris. Sandblast and pressure wash exterior. Clean and dry interior, repair prior to application of corrosion resistant sealant. Repair welds and complete a SSPC-SP #10 blast. Use the required means to insure the bond of the new coating by brushing, vacuuming, power blowing, sandblast and washing, or power washing. Tank is positive for lead-based paint. Provide all required preparation and containment systems to comply with CAFB, local, state, and federal regulations.

- Coating Installation

- Exterior and Interior paints/coatings will be applied in accordance with both the statement of work and manufacturer's specifications by certified, factory-trained applicators under supervision of manufacturer's representative. All work will comply with all UFCs, local, state, and federal regulations.
 - Exterior:
 - Exterior coating shall be a standard mil spec three coat system consisting of a zinc-rich epoxy primer coat, epoxy intermediate coat, and polyurethane coat. The coating must comply with all local, state, and federal rules and regulations as well as the 14 CES environmental specification and all applicable UFCs.
 - Interior:
 - Interior coating shall be a standard mil spec, three coat polyamide epoxy coating system that is certified in accordance with NSF for contact with potable water in water storage tanks of 200K gallons. It shall be suitable for application in three even coats of 3-5 mils dry film thickness, for a total minimum of 9 mils dry film thickness. The coating must comply with and all local, state, and federal rules and regulations as well as the 14 CES environmental specification and all applicable UFCs.
- Apply the new AF symbols in accordance with the necessary UFCs, codes, and regulation (most notably UFC 3-120-01 Chapter 4).

- Cleaning:

- In areas where finished surfaces are soiled by work of this section, consult manufacturer of surfaces for cleaning advice and conform to their documented instructions.
- Replace cathodic protection system, including, but not limited to rectifier replacement, anode replacement, suspension system replacement, operational check-outs and test reading to verify proper protection.
- Reinstall equipment removed at the beginning of work to the finished water tower.
- Any area disturbed by the work must be repaired to prior condition.

- Miscellaneous Work

- Provide new stainless steel roof vent system.
- Install balcony holes to prevent further water collection.
- Install riser grate for fall protection.
- Install a cable safety system on the ladder for fall protection.
- Install climb preventive shield on ladder. The shield must be installed without altering the ladder and must be able to cover a safety bar, cable or rail, if installed.
- Provide new overflow pipe system with flap valve.

- Weld all pits greater than 50% of original steel thickness.
- Tank shall be disinfected.
- Replace electrical panel. Install a weatherproof enclosure and circuits that are UL approved and in accordance with NFPA 70.
- Reposition strobe light in accordance with UFC 03-535-01 (Chapter 10).
- Ensure catwalk meets necessary AFOSH/OSHA standards.
- Calibrate existing altitude valve.

GOVERNMENT FURNISHED EQUIPMENT:

The Government will not furnish materials.

INSTALLATION/WORK PLAN:

Provide adequate lighting for safe work area and personnel noise protection as required while engaged in work. There may be hazardous materials associated with this project. Contractor shall be responsible for the installation and work. Contractor shall install proper construction markings and tape during work in progress. Contractor shall maintain a hazard free work area during daily operations. Contractor shall provide notice to the Contracting Officer prior to starting any work under this project. Contractor shall provide As-Built drawings of final installation prior to final acceptance by the Government.